

# ***REVISED***

## **State of California AIR RESOURCES BOARD**

### **Research Screening Committee Meeting**

#### **AGENDA**

**Cal/EPA Headquarters Building  
1001 I Street  
Conference Room 550  
Sacramento, California 95814  
(916) 445-0753**

**December 13, 2004  
9:00 a.m.**

#### **ACTION**

#### **Interagency Proposals**

1. "Cardiovascular Health Effects of Fine and Ultrafine Particles during Freeway Travel," University of California, Los Angeles, \$502,050, Proposal No. 2574-246.  
-- Approved
2. "Traffic-Related Air Pollution and Asthma in Economically Disadvantaged and High Traffic Density Neighborhoods in Los Angeles County, California," University of California, Los Angeles, \$422,089, Proposal No. 2561-246.  
-- Approved
3. "Monitoring and Modeling of Ultrafine Particulates and Black Carbon at the Los Angeles International Airport," University of California, Los Angeles, \$118,260, Proposal No. 2562-246.  
-- Approved
4. "Analysis of Activity Data Collected from Light Duty Vehicles Equipped with Global Positioning Systems Receivers," University of California, Riverside, \$25,000, Proposal No. 2564-246.  
-- Approved
5. "Assessment of Out-of-State Heavy-Duty Truck Activity Trends in California," University of California, Davis, \$64,976, Proposal No. 2566-246.  
-- Approved

6. "Dairy Operations: An Evaluation and Comparison of Baseline and Potential Mitigation Practices for Emissions Reduction in the San Joaquin Valley," CSU, Fresno, \$250,000, Proposal No. 2567-246.  
-- Tabled
7. "Development of an Improved VOC Analysis Method for Architectural Coatings," California Polytechnic State University, \$249,991, Proposal No. 2568-246.  
-- Approved
8. "Development of In-field Diesel PM Compliance Method for Stationary and Portable CI Engines," University of California, Riverside, \$299,893, Proposal No. 2569-246.  
-- Approved
9. "Reducing Emissions of Volatile Organic Compounds(VOCs) from Agricultural Soil Fumigation," University of California, Riverside, \$200,000, Proposal No. 2570-246.  
-- Approved
10. "Characterization of Versatile Aerosol Concentration Enrichment System," University of California, Davis, \$94,739, Proposal No. 2571-246.  
-- Approved
11. "How New Chemistry Findings Affect Our Understanding of the Weekend Effect - A Modeling Study, " University of California, Irvine, \$150,000, Proposal No. 2572-246.  
-- Approved
12. "Investigation of Atmospheric Ozone Impacts of Selected Pesticides," University of California, Riverside, \$99,850, Proposal No. 2573-246.  
-- Approved
13. "Nighttime Chemistry: Observations of NO<sub>3</sub> and N<sub>2</sub>O<sub>5</sub>," University of California, Berkeley, \$ 120,000, Proposal No. 2560-246.  
-- Approved

### **Final Reports**

14. "Correlation Between Solids Content and Hiding as it relates to Calculation of VOC Content in Architectural Coatings," California Polytechnic State University, \$99,843, Contract No. 01-307.  
-- Approved

15. "Initial Exploration of Advanced Data Analysis Methods to Assist Air Quality Management," Clarkson University, \$40,440, Contract No. 01-348  
-- Approved